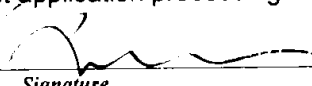
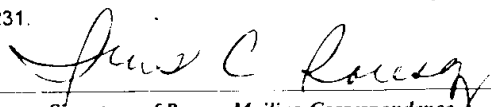


2814.1

<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>			<b>Docket No.</b> DVME-1022US		
Applicant(s): <b>STEENBERGEN, et al.</b>					
<b>Serial No.</b> 10/091,216	<b>Filing Date</b> March 4, 2002	<b>Examiner</b> Unknown	<b>Group Art Unit</b> 2814		
Invention: <b>OPTICAL COUPLER AND AWG HAVING THE SAME</b>					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application. <input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>
TOTAL CLAIMS	24 -	20 =	4 x	\$9.00	\$36.00
INDEP. CLAIMS	2 -	3 =	0 x	\$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$36.00</b>
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> A check in the amount of \$36.00 to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0462 A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
<div style="text-align: center;"> Signature</div>			Dated: September 16, 2002		
Ken I. Yoshida Registration No. 37,009 KNOBLE & YOSHIDA, LLC Eight Penn Center, Suite 1350 1628 John F. Kennedy Blvd. Philadelphia, PA 19103 215-599-0600			<div style="border: 1px solid black; padding: 5px;"><p>I certify that this document and fee is being deposited on <u>Sept. 16, 2002</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</p><div style="text-align: center;"> Signature of Person Mailing Correspondence</div><div style="text-align: center;">Iris C. Rousey Typed or Printed Name of Person Mailing Correspondence</div></div>		
cc:					

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DOCKET NO.: DVME 22US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: STEENBERGEN, et al.

Serial No. 10/091,216

Group No.: 2814

Filed: March 4, 2002

Examiner: Unknown

For: OPTICAL COUPLER AND AWG HAVING THE SAME

I, Iris C. Rousey certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

On September 16, 2002

*Iris C. Rousey*  
Iris C. Rousey

Assistant Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Please make the following change prior to examination of the above-referenced application:

**In the Specification:**

Please replace the description of FIGURE 8 lines 1-17 on page 14 with the following description on new page 14.

FIGURE 8A is a schematic diagram that illustrates a fourth preferred embodiment, which includes a plurality of single-mode (SM) or multi-mode (MM) input waveguides 6 which is optically coupled with or connected to a plurality of diverging single-mode or multi-mode waveguides 12 at an input plane ( B-B). At an output plane (not shown), the diverging waveguides 12 are optically connected to output waveguides.

*A1*